

What is claimed is:

1. A jewelry item with a rotating gemstone comprising:

a substantially hollow housing having an upper end and a lower end;

a bezel rotatably mounted on the upper end of said housing;

5 a gemstone mounted on said bezel;

a motor means received within said housing for automatically rotating said bezel and said gemstone at a predetermined, discrete speed.

2. The jewelry item according to claim 1 further comprising a gear assembly including a plurality of gears driven by said motor means and operably connected
10 to said bezel, said gears having a predetermined, precise gear ratio for rotating said bezel at a discrete speed.

3. The jewelry item according to claim 2 wherein said discrete speed is between 2 and 4 revolutions per minute.

4. The jewelry item according to claim 1 wherein said motor means is a
15 quartz movement motor.

5. The jewelry item according to claim 4 wherein said quartz movement motor includes a casing having an outer edge with an indentation thereon, said indentation substantially aligned with an opening on an outer wall of said housing, said indentation having at least one electrical contact therein, said electrical contact

electrically connected to said motor;

a switch hingedly secured at a first end to said housing, said switch carrying a battery thereon, said switch having a free end which is pivotal towards and away from said housing to selectively position said battery against said contact.

5 6. The jewelry item according to claim 1 wherein said bezel includes an externally threaded portion and a collar having an internally threaded portion, said collar attachable to said externally threaded portion to retain said gemstone on said bezel.

10 7. The jewelry item according to claim 2 wherein said gear assembly further comprises:

a drive gear connected to said motor means;

a lower spacer plate superimposed on said drive gear, said spacer plate having an aperture with said drive gear received therein;

15 an intermediate gear engaging said drive gear, said intermediate gear having an upper surface with a sprocket extending therefrom;

a bezel gear connected to said bezel and engaging said sprocket.

8. The jewelry item according to claim 7 wherein said lower spacer plate includes a depression thereon that receives said intermediate gear.

9. The jewelry item according claim 8 further comprising an upper spacer

plate superimposed on said lower spacer plate with said intermediate gear positioned therebetween.

10. The jewelry item according to claim 7 further comprising:

a neck projecting upwardly from said bezel gear, said neck having a

5 peripheral lip;

said bezel receiving said neck and including a circumferential slot positioned beneath said lip;

a clip received within said slot to retain said bezel on said neck.